| A 5.86+262 1/1999 Tkada 333 6 6+89,862 12/2002 Frank 333 0 5,610,566 3/1997 Chen et al. 333 0 5,521,453 5/1996 Yatsuda 310 E 5,473,295 12/1995 Turunen 333 F 16,201,457 3/2001 Hickernell 333 G | ., |
|--|----------|
| * DOCUMENT NO. DATE NAME CLASS 333 A 5,864,262 1/1999 TKada 333 B 6,489,862 12/2002 Frank 323 D 5,521,453 5/1996 Tatsuda 310 5 E 5,473,295 12/1995 Turunen 333 F 6,201,457 3/2001 Hickernell 333 G N 10,201,457 3/2001 Hickernell 333 F 10,201,457 3/2001 Hickernell 333 O COMMENT NO. DATE COUNTRY NAME CLASS SOLUTION NAME CLASS SOLUTION NAME CLASS SOLUTION NAME CLASS SOLUTION NAME SOLUTION NAME CLASS S | of |
| A 5, Rich 262 V1999 IKada 333 B 6 489, 862 I2/2002 Frank 333 C 5, 6 D, 5 (c 6 3 / 1997 Chen et al. 323 D 5, 521, 453 5/1996 Yatsuda 310 E 5, 473, 295 12/1995 Turunen 333 F 10, 201, 457 3/2001 Hickernell 333 G | |
| B 6,489,862 12/2002 Frank 333 0 5,610,566 3/1997 Chen et al. 333 0 5,521,453 5/1996 Yatsuda 310 5 5,521,453 5/1996 Yatsuda 310 5 5,473,295 12/1995 Turunen 333 F 16,201,457 3/2001 Hickernell 333 F 16,201,457 January Jan | SUBCLASS |
| C 5 6 10 5 10 6 3 1997 Chen et di 333 D 5 521 453 5/1996 Yatsuda 310 5 5 473,295 12/1995 Turunen 333 F 10,201,457 3/2001 Hickernell 333 I 6 6 7 10,201,457 3/2001 Hickernell 333 I 6 7 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 193 |
| C 5,610,566 3,1997 Chenetal 333 05,521,453 5/1996 Yatsuda 310 5 5,473,295 12/1995 Turunen 333 5 6,201,457 3/2001 Hickernell 333 6 6 7 7 7 7 7 7 7 7 | 187 |
| E 5, 473, 295 12/1995 Turunen 333 F 14, 201, 457 3/2001 Hickernell 333 333 F 14, 201, 457 3/2001 Hickernell 333 | 194 |
| F 10, 201, 457 3/2001 Hickernell 333 | 313R |
| G G G G G G G G G G G G G G G G G G G | 132 |
| H I I I I I I I I I I I I I I I I I I I | 193 |
| I | |
| J K L L M FOREIGN PATENT DOCUMENTS * DOCUMENT NO. DATE COUNTRY NAME CLASS S 1 2 2 3 1 2 2 3 4 4 4 4 4 4 4 4 4 | |
| K L L M FOREIGN PATENT DOCUMENTS * DOCUMENT NO. DATE COUNTRY NAME CLASS S N DOCUMENT SEKI L F al. Thirkawa L f al. Thirk | |
| L M FOREIGN PATENT DOCUMENTS * DOCUMENT NO. DATE COUNTRY NAME CLASS N DOCUMENT NO. DATE COUNTRY NAME CLASS N O N O O O O O O P O O O O O R S S O O T DOCUMENT (Including Author, Title, Source, and Pertinent Pages) U V V | |
| M | |
| FOREIGN PATENT DOCUMENTS NAME CLASS S N N N N N N N N | |
| * DOCUMENT NO. DATE COUNTRY NAME CLASS S N DIT-220354 8/1999 Japan Seki et al. O 8-65097 3/1996 Japan Trhikawa et al. P Q N NON-PATENT DOCUMENTS * DOCUMENT (Including Author, Title, Source, and Pertinent Pages) V | |
| N WILL-2035 B/1999 Tapan Seki et al. O 8-65097 3/1996 Tapan Trhikawa et al. P O NON-PATENT DOCUMENTS * DOCUMENT (Including Author, Title, Source, and Pertinent Pages) U | |
| O 8-65097 3/1996 Japan Tchikawa et al. P NON-PATENT DOCUMENTS * DOCUMENT (Including Author, Title, Source, and Pertinent Pages) V | SUBCLASS |
| P Q D D D D D D D D D D D D D D D D D D | |
| P V V P P P V P P P P P P P P P P P P P | |
| R S NON-PATENT DOCUMENTS * DOCUMENT (Including Author, Title, Source, and Pertinent Pages) U | |
| S T NON-PATENT DOCUMENTS * DOCUMENT (Including Author, Title, Source, and Pertinent Pages) U | |
| NON-PATENT DOCUMENTS * DOCUMENT (Including Author, Title, Source, and Pertinent Pages) U V | |
| NON-PATENT DOCUMENTS * DOCUMENT (Including Author, Title, Source, and Pertinent Pages) U V | |
| * DOCUMENT (Including Author, Title, Source, and Pertinent Pages) U V | |
| U V DOCUMENT (Including Author, Title, Source, and Pertinent Pages) | |
| V | DATE |
| | |
| | |
| w | |
| w | |
| | |
| | |
| | ļ |

* A copy of this reference is not being funished with this Office action. (See Manual of Patent Examining Procedure, Section 707.05(a).)

Part of Paper No.